

AMENDMENTS TO THE CLAIMS

1-18 (Canceled)

19. (Currently amended) A method of managing by an application[:]
a PeerName in a managed framework, the method comprising the steps of:
communicating with a managed PeerName object, the managed PeerName
object exposing constructors for creating an entire PeerName object, creating a
hypothesized PeerName object for resolution to a third party from PeerIdentityInfo
and a classifier, and creating a second hypothesized PeerName object for resolution
from a known PeerName object;
selecting one of the constructors;
passing to the managed PeerName object parameters required by the
constructor selected; and
initiating the constructor[:]

a PeerIdentity in a managed framework, the method comprising the steps of:

communicating with a managed PeerIdentity object, the managed PeerIdentity
object exposing constructors for creating a new identity from parameters of
FriendlyName, classifier, and key, for creating a new identity from parameters of
FriendlyName and classifier, for creating a new identity from parameters of
FriendlyName, a blank classifier, and a new key pair, and retrieving an identity
associated with a given PeerName parameter wherein the managed PeerIdentity object
further exposes static methods for importing a peer identity from an
ExportedPeerIdentity and a password, for importing a peer identity from an
ExportedIdentityXml string and a password, and for retrieving a collection of
identities for a user account, the method further comprising the steps of selecting one
of the static methods, passing to the managed PeerIdentity object parameters required
by the static method, and initiating the static method;
selecting one of the constructors;
passing to the managed PeerIdentity object parameters required by the
constructor selected; and

initiating the constructor;

PeerIdentityInfo in a managed framework, the method comprising the steps of:

communicating with a managed PeerIdentityInfo object, the managed PeerIdentityInfo object exposing a constructor for creating a PeerIdentityInfo object from an IdentityInfoXml parameter;

passing to the managed PeerIdentityInfo object the parameter required by the constructor; and

initiating the constructor; and

a ExportedPeerIdentity in a managed framework, the method comprising the steps of:

communicating with a managed ExportedPeerIdentity object, the managed ExportedPeerIdentity object exposing a constructor for creating an ExportedPeerIdentity object from an ExportedIdentityXmlString;

passing to the managed ExportedPeerIdentity object parameters required by the constructor; and

initiating the constructor.

20-23 (Canceled)

24. (New) The method of claim 19, further comprising a PeerName managed class comprising a peer name string property field, an authority field, a classifier field, and a secured field.

25. (New) The method of claim 24, wherein the PeerName managed class further comprises a first PeerName constructor to allow an application to specify the entire PeerName.

26. (New) The method of claim 24, wherein the PeerName managed class further comprises a second PeerName constructor to allow an application to specify a PeerName based on peer identity information and a classifier to allow resolution of the PeerName to a third party.

27. (New) The method of claim 24, wherein the PeerName managed class further comprises a third PeerName constructor to allow an application to specify a PeerName based on a PeerName object and a classifier to allow resolution of the PeerName to a third party.

28. (New) The method of claim 24, wherein PeerName managed class further comprising at least one method exposed thereby selected from the group consisting of an equals method, = = method, a GetHashCode method, a GetType method, a ReferenceEquals method, and a ToString method.

29. (New) The method of claim 19, further comprising a PeerIdentity managed class comprising a PeerName field, a FriendlyName field, and a Key field.

30. (New) The method of claim 29, wherein the PeerIdentity managed class further comprises a first constructor to retrieve an identity based on a PeerName parameter.

31. (New) The method of claim 29, wherein the PeerIdentity managed class further comprises a second constructor to create a new identity based on a friendlyName parameter, a classifier, and a key.

32. (New) The method of claim 29, wherein the PeerIdentity managed class further comprises a third constructor to create a new identity based on friendlyName parameter and a classifier.

33. (New) The method of claim 29, wherein the PeerIdentity managed class further comprises a fourth constructor to create a new identity based on a friendlyName parameter, a blank classifier, and a new key pair.

34. (New) The method of claim 29, wherein the PeerIdentity managed class further comprises at least one method exposed thereby selected from the group consisting of an export method, a CreatePeerName method, a GetInfo method, a delete method, an equals method, a GetHashCode method, a GetType method, a ReferenceEquals method, and a ToString method.

35. (New) The method of claim 29, wherein the PeerIdentity managed class further comprises at least one static method exposed thereby selected from the group consisting of a GetIdentities static method, a first import static method utilizing an ExportedPeerIdentity and a password to import a PeerIdentity, and a second import static method utilizing an ExportedIdentityXml string and a password to import a PeerIdentity.

36. (New) The method of claim 19, further comprising a PeerIdentityInfo managed class comprising a PeerName field, a FriendlyName field, and a Key field.

37. (New) The method of claim 36, wherein PeerIdentityInfo managed class further comprises a PeerIdentityInfo constructor that constructs a PeerIdentityInfo object from an IdentityInfoXml string.

38. (New) The method of claim 36, wherein PeerIdentityInfo managed class further comprises at least one method exposed thereby selected from the group consisting of a ToXmlString method, an equals method, a GetHashCode method, a GetType method, a ReferenceEquals method, a GetObjectData method, and a ToString method.

39. (New) The method of claim 19, further comprising an ExportedPeerIdentity managed class comprising an ExportedPeerIdentity constructor that utilizes an ExportedIdentityXmlString to construct an ExportedPeerIdentity object.

40. (New) The method of claim 39, wherein the ExportedPeerIdentity managed class further comprises a PeerName property that returns the PeerName of the exported identity.

41. (New) The method of claim 39, wherein the ExportedPeerIdentity managed class further comprises at least one method exposed thereby selected from the group consisting of a ToXmlString method, an equals method, a GetHashCode method, a GetType method, a ReferenceEquals method, a GetObjectData method, and a ToString method.